

Work Order ID 56795

March 10, 2010 11:55:34 AM



Page 1

Item ID: D2011-101

Accept



Setup Start



Revision ID:

Item Name: 6" Mirror

Stop



Start Date: 3/10/10

Start Qty: 50.00



Cust Item ID:

Required Date: 3/16/10

Req'd Qty: 50.00



Customer:

Reference:

Approvals:

Process Plan: CL

Date: 10/31/10

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D2011

Rev G

100



Purchasing

PURCHASING

0.00

Memo

0.00

Purchasing

Issue P/O: 11489 ☐ Mirror P/N: CHM10601 ☐ Possible supplier:
Auto Parts Extra ☐ Material release note required

CL 10/31/10 50

110



Packaging

Receive & Inspect for Damage & Mat'l Certs

0.00

Memo

0.00

Packaging

Ensure material certification is attached

CL 10/31/11 50

120



QC

QC6- Inspect dimensions to drawing

0.00

Memo

0.00

Quality Control

8/6/12

count
(479)

Pb →

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D2011-101 PAR #: _____ Fault Category: Supplier NCR: Yes No DQA: 2 Date: 10.03.16
 Resolution: Scrap Disposition: Scrap QA: N/C Closed: 10/03/16 Date: 10/03/16

NCR: <u>56795</u>		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
10/3/12	# 120	During inspection Found Qty x1 mirror fell at apart in the original package from supplier R.C. Defect: No taper on the backing circumference.	<u>[Signature]</u>	→ inform supplier of issue and ask for Refund or credit + Return Defective mirror Back.	<u>10/03/12</u>	<u>S</u> <u>10/03/12</u>	<u>[Signature]</u>	<u>S</u> <u>10/03/12</u>
			<u>[Signature]</u>	Pull test each mirror to SUESS to ensure remainder is good.	<u>10/03/15</u>	<u>S</u> <u>10/03/15</u>	<u>[Signature]</u>	<u>[Signature]</u> <u>10-03-15</u>

NOTE: Date & initial all entries

Work Order ID 56795

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Item ID: D2011-101

Accept

Revision ID:

Item Name: 6" Mirror

Start Date: 3/10/10

Start Qty: 50.00

Required Date: 3/16/10

Req'd Qty: 50.00

Reference:

Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130



Small Fab

Small Fab

Small Fab

Memo

1- Wrap mirror with plastic wrap

2- Discard Hardware & Install new hardware loosely

3- Crimp stud as per Dwg D2011

0.00

0.00

0.00

0.00

0.00

0.00

140



QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

4- Test assembly to 50lbs pull test after 24 hours

0.00

0.00

150



Packaging

Packaging

Identify as per dwg & Stock Location: 228

Memo

0.00

0.00

E/S 10/03/15 (10)

(X10)

Pca 10/3/15 (12)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

Work Order ID 56795

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Item ID: D2011-101

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Setup Start



Revision ID:

Item Name: 6" Mirror

Stop



Start Date: 3/10/10

Start Qty: 50.00



Required Date: 3/16/10

Req'd Qty: 50.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/03/15 *HJ*
MF
10-3-15



Picklist Print

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Page 1

Work Order ID: 56795

Parent Item: D2011-101

Parent Item Name: 6" Mirror

Comments: IPP: J 04.09.15 Added Steps 5-7 KJ/JLM IPP:
K 05.12.15 chg black sika-flex for white EC IPP L 08.11.06 new
drawing EC verify: DD IPP: M 08.12.19 Added step 3 KJ Verified
by: LL IPP rev N 10.01.13 added wrap per ncr09-118 EC verified by: DD

Start Date: 3/10/10

Required Date: 3/16/10

Start Qty: 50.00

Required Qty: 50.00

AN960JD416L

Purchased No

110

Each

653.0000 50.0000



Washer



GP 10/03/15

*QSI NAS1149D0416J
M114056 7x
M10538 (3+)*

Warehouse

Location

Main Warehouse

ST346

Loc Qty

Loc Code

653

105078

4

107008

54

108583

35

110153

160

112492

400

CHM-10601

Purchased No

130

Each

0.0000 50.0000



Mirror 6"

D2829



Threaded Stud

56795



GP 10/03/15

Manufactured No

130

Each

24.0000 50.0000



GP 10/03/15

Warehouse

Location

Main Warehouse

ST25

Loc Qty

Loc Code

24

54930

24

21 10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

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drawing EC verify: DD IPP: M 08.12.19 Added step 3 KJ Verified
by: LL IPP rev N 10.01.13 added wrap per ncr09-118 EC verified by:DD

KJ/JLM IPP:

IPP L 08.11.06 new

Start Date: 3/10/10

Start Qty: 50.00

Required Date: 3/16/10

Required Qty: 50.00

D3014-1

Manufactured

No

130

Each

412.0000

50.0000



Locknut



EP 10/03/15

Warehouse

Location

Loc Qty

Loc Code

Main Warehouse

ST033

412

18605

412

10

March 10, 2010 11:55:34 AM

Shop Packet Print

Page 2

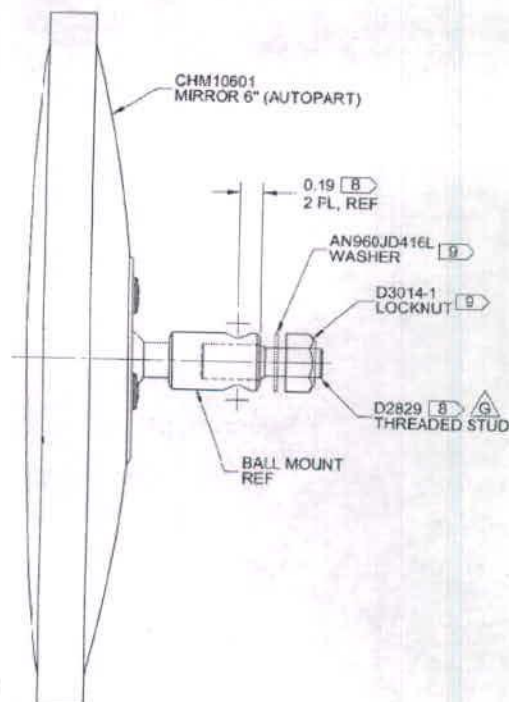
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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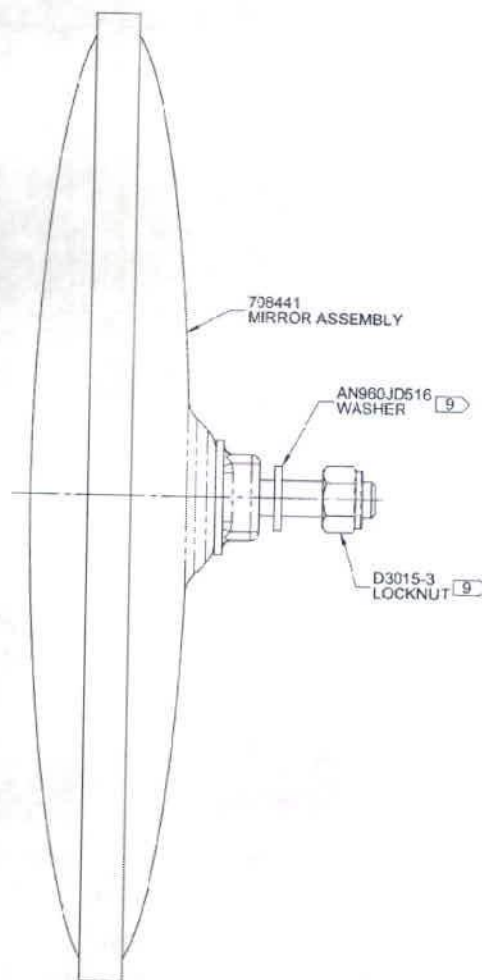


D2011-101 MIRROR ASSEMBLY 6"

*CL10/3110
W10: 56795*

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: D2011-101 = 0.6 lbs APPROX. ; D2011-103 = 1.0 lbs APPROX.
- 8) D2829 INSTALLATION PROCEDURE:
 - APPLY LOCKTITE 262 TO $\phi 5/16$ END OF D2829
 - THREAD BY HAND INTO BALL MOUNT UNTIL ENTIRE $\phi 5/16$ END OF D2829 IS WITHIN BALL MOUNT
 - CRIMP BALL MOUNT ON TWO OPPOSING SIDES, 0.19 FROM END AS ILLUSTRATED USING TOOL DT8317
 - CRIMP TO DEPTH OF 0.040 \pm 0.010 USING R0.125
- 9) INSTALL LOOSE



D2011-103 MIRROR ASSEMBLY 8"

ITEM	QTY -101	QTY -103	P/N	DESCRIPTION
1	X		D2011-101	MIRROR ASSEMBLY 6"
2		X	D2011-103	MIRROR ASSEMBLY 8"
3	1		D2829	THREADED STUD
4	1		D3014-1	LOCKNUT
5		1	D3015-3	LOCKNUT
6	1		CHM10601	MIRROR 6" (AUTOPART)
7		1	708441	MIRROR 8" (VELVAC)
8	1		AN960JD416L	WASHER
9		1	AN960JD516	WASHER

RELEASED
08-10-2010

G	REDRAWN IN SOLIDWORKS TO CURRENT STANDARD AND TRANSFERRED TO "B" SIZE FORMAT. MIRROR 6" (AUTOPART) AND CHM10601 WERE MIRROR 6" (GROTE) AND P/N 28043 (2N D3-1). ADDED D2829 (2N D3-1 AND 2N C6-1). REMOVED DRILLING NOTE, VIEW A-A AND SINGLEX APPLICATION NOTE. REASON: GROTE PRODUCT IS DISCONTINUED.	MB	08-10-06
F	ADD HOLES FOR SEALANT ON -101	CP	04-09-10
E	NEW 8" MIRROR	CP	01-05-08
D	NEW 6" MIRROR, ADD NUT, REMOVED STUD	CP	01-04-23
C	REPLACE DOMINION AUTO MIRRORS WITH PHILLIPS, ADDED STUDS, REDRAWN	RF	99-06-01
B	SINGLEX 241 ADDED	JB	98-04-09
A	DWG NO. WAS DSP1011, ADDED -103	JB	90-06-15
-	NEW ISSUE	JB	90-03-31
REV.	DESCRIPTION	BY	DATE
DESIGN	JB		
DRAWN			
CHECKED			
MFG APPR			
APPROVED			
DE APPR			
DATE	08.10.06		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
D2011
REV. G
SHEET 1 OF 1
TITLE
MIRROR ASSEMBLY
SCALE
NTS

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G-08336

Past due accounts bear 2% interest per month (24% per annum). If this account is placed with a 3rd party collection, an administrative cost of 25% will be added. All exchanges and refund claims must be accompanied by this invoice. Electrical parts not returnable. All parts returned are subject to 20% handling charge. All merchandise sold on this invoice remains the vendor's property until this invoice is paid in full.
TERMS: Payment due on 10th day of the following month.

Aucun remboursement sans cette facture. Net 30 jours, 2% de frais d'intérêt par mois (24% par année) sur compte en souffrance. 20% de frais de manutention sur toute marchandise retournée. Clause pénale et indemnité de 25% sera chargée sur compte sujet à des procédures légales. Les marchandises mentionnées sur cette facture demeurent la propriété du vendeur tant qu'elles ne seront pas entièrement payées. Pièces électriques non-retourables.
TERMES: Compto payable le 10 du mois suivant

SIGNATURE _____

GST / TPS
10035 3366 RT0001

1000 RUE LANDSDOWNE HAWKESBURY, ON K6A 1H7
TEL: (613)632-1191 FAX: (613)632-2350

TVQ
1016330716 TQ0001

113336 (613)632-5200
SV EDART AEROSPACE LTD.
LN 1270 ABERDEEN STREET
DD
TU
T O A HAWKESBURY ON K6A 1K7

EXP 113336
SHIP *** SAME
PIE
TOR
A

DATE: 3/11/10
07:48
111 MLP

PO:
11489

ORD / COM	SHIP / EXP	CODE	PART No / PIECES	DESCRIPTION	LIST EACH / CHACUN	COST / COÛTANT	EXTENSION
50	50	TWD	CM10601	6 conv miroir 80V: TWD C&D 10/3/11		18.95	947.50
			twd 46459				0.00
	50	***	SHIP VIA	PIECES/CORE TOT REGULAR	0.00		0.00
INVOICE No / FACTURE	TYPE / SORTIE	TOTAL	DISC / ESC	FRT / TRANS	GST / TPS	PST / TVQ	AMT to PAY / À PAYER
11000548	INVOICE	947.50	0.00	0.00	47.38	0.00	994.88

